**IEEE IAS Petroleum and Chemical Industry Committee**

**2019 Awards Luncheon**

11:45 a.m. – 1:30 p.m.

**Welcome and Introduction of Head Table** Dennis Bogh

**and PCIC Executive Subcommittee** *PCIC Chair*

**Recognition of Past Chair and Past Advisory & Awards** Dennis Bogh

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| *Peter Baen* | PCIC Chair |
| *Louis Barrios* | Advisory & Awards |

**Recognition of Outgoing Subcommittee Chairs** Dennis Bogh

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| *Bill Veerkamp* | Awards Nominating |
| *Bob Potter* | Facilities Planning |
| *Ken McFarland* | Publicity |
| *Miriam Blazowski* | Membership |
| *Jeff Gaspar* | Young Engineers Development |
| *Shahid Jamil* | Safety |
| *Donna Hodgson*  *Mark Throckmorton*  *Eddie Guidry*  *Troy Parvino* | Production |
| *Mark Throckmorton* | Chemical |
| *Todd Huston* | Transportation |
| *Nic Leblanc* | International |
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**Myron Zucker Grant Recipients** Dennis Bogh

*Atul Arunkumar Shenoy Ian Pollard*

*Brendan Gunderson Josiah McNulty*

*Irina Vaseva Daniel Floyd*

**Eugene J Fagan PCIC Fund** Louis Barrios

*Fund Subcommittee Chair*

**Prize Paper Awards** Peter Baen

*Advisory and Awards Subcommittee Chair*

### Outstanding Technical Contribution Award Jim Bowen

*John A. Kay* *PCIC Vice Chair*

**Emeritus Award for Outstanding Service** Leo Berg

*Chet Sandberg* *Emeritus Chair*

**Electrical Safety Excellence Award** Shahid Jamil

*John Nelson Safety Subcommittee Chair*

**Outstanding Young Professional Achievement Award** Jeff Gaspar

*Clifton Oertli YEDS Chair*

**Recognitions of IEEE Standards Completion** Robert Durham

*Standards Subcommittee Chair*

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| *Dwight Alexander* | IEEE 45.4 Recommended Practice for Electrical Installations on Shipboard - Marine Sectors and Mission Systems | |
| *Yuri Khersonsky* | IEEE 1708-2018 Recommended Practice for 1 kV to 35 kV Medium-Voltage DC Power Systems on Ships | |
| *Roy Barth* | IEEE/CSA 844.3 Standard for Impedance Heating of Pipelines and Standard Equipment - General, Testing, Marking, and Documentation Requirements | |
| *Roy Barth* | IEEE/CSA 844.4 Standard for Impedance Heating of Pipelines and Equipment - Application Guide for Design, Installation, Testing, Commissioning, and Maintenance | |
| *Kevin Petersen* | IEC/IEEE 80005-1:2019 Utility connections in port – Part 1: High voltage shore connection (HVSC) systems – General requirements | |
| *Daleep Mohla* | IEEE 1584 - Guide for Performing Arc-Flash Hazard Calculations | |
| IEEE 1584 “team”  IEEE Standards – Dr. Ing. Konstantinos Karachalios  - Matthew Ceglia  - Patricia Roder  - Lisa Perry  IEEE PCIC - Thanks to the entire Working Group | | Dennis Bogh |

### IAS President-elect Dr. Wei-Jen Lee

### *IAS President-Elect*

### IEEE Fellow Dr. Wei-Jen Lee

### *John Malinowski*

### IEEE Fellow Dr. Wei-Jen Lee

### *Dr. Robert Durham*

### David C. Azbill Award Dennis Bogh

### *John Turner*

**Russell W. Mills Award** Dennis Bogh

### *Louis Barrios*

**Closing Remarks** Dennis Bogh

# PRIZE PAPER AWARDS

# *for the*

# *2018 IEEE/IAS PCIC Technical Conference, Cincinnati, OH*

# BEST PAPER

**IEEE C37.20.7 Guide for Testing Switchgear Rated Up to 52kv for Internal Arcing Faults – Important Changes to The New Edition**

*Michael Wactor*

**SECOND BEST PAPER**

Grounding and Bonding Conductors: Solid, Stranded, Bare or Insulated?

*Robert Durham, Stephen Szczecinski, Marcus Durham*

**THIRD BEST PAPER**

Strategies for Reliable Arc Flash Protection in Low-Voltage Switchgear

*Robert Burns, Adams Baker, Dan Hrncir*

**HONORABLE MENTION**

**Harmonic Analysis of Arcing Faults and Impacts On System Protection**

*Dane Martindale, Jeremy Smith*

A Motor Primer – The Next Generation: Permanent Magnet Machines

*Robert McElveen, Nicolas Frank, William Martin, Jukka Jarvinen*

Substations in Classified Locations, Integration of NFPA 496 Pressurization Requirements with Other Supporting Systems

*Giovanni Parra,* *Joshua Komathy, Gregory Clement, Richard Anderson Jr.*

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| 2019  Awards  Luncheon |
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|  | [Image result for ieee ias logo](http://www.google.ca/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwjHuqH1s9zVAhXqq1QKHeRPC2MQjRwIBw&url=http://sites.ieee.org/sb-upjvias/&psig=AFQjCNGDEpo96hW3DzBbCuUDWlVZJaaoyg&ust=1502995274288513) | *Monday, September 9th*  *Vancouver 2019 Conference* |
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